



Handwritten signature and initials

**REQUEST
FOR
CONTINUED EXAMINATION (RCE)
TRANSMITTAL**

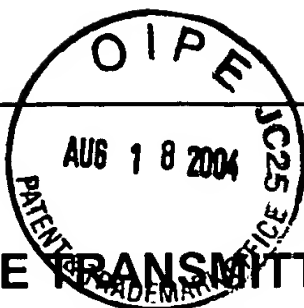
Address to:
Mail Stop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

| | |
|------------------------|-------------------|
| Application Number | 09/991,971 |
| Filing Date | November 26, 2001 |
| First Named Inventor | Markku AHOTUPA |
| Group Art Unit | 1644 |
| Examiner Name | Phuong N. Huynh |
| Attorney Docket Number | 2630-113 |

This is a Request for Continued Examination (RCE) under 37 C.F.R. § 1.114 of the above-identified application. Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. See Instruction Sheet for RCEs (not to be submitted to the USPTO) on page 2.

1. Submission required under 37 C.F.R. § 1.114 Note: if the RCE is proper, any previously filed unentered amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such amendment(s).
 - a. ☐ Previously submitted
 - i. ☐ Consider the amendment(s)/reply under 37 C.F.R. § 1.116 previously filed on _____
 - ii. ☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____
 - iii. ☐ Other _____
 - b. Enclosed
 - i. ☒ Amendment/Reply
 - ii. ☐ Affidavit(s)/Declarations
 - iii. ☐ Information Disclosure Statement (IDS)
 - iv. ☐ Other _____
2. Miscellaneous
 - a. ☐ Suspension of action on the above-identified application is requested under 37 C.F.R. § 1.103(c) for a period of _____ months. (Period of suspension shall not exceed 3 months; Fee under 37 C.F.R. § 1.170(i) required.)
 - b. ☐ Other _____
3. Fees The RCE fee under 37 C.F.R. § 1.17(e) is required by 37 C.F.R. § 1.114 when the RCE is filed.
 - a. ☐ The Director is hereby authorized to charge the following fees, or credit any overpayments, to Deposit Account No. 02-2135.
 - i. ☐ RCE fee required under 37 C.F. R. § 1.17(e)
 - ii. ☐ Extension of time fee (37 C.F.R. §§ 1.136 and 1.17)
 - iii. ☐ Other _____
 - b. ☒ Check in the amount of \$385.00 enclosed.
 - c. ☐ Payment by credit card (Form PTO-2038 enclosed.)

| SIGNATURE OF APPLICANT, ATTORNEY OR AGENT REQUIRED | | | |
|--|-------------------------------------|------|-----------------|
| NAME AND REG. NUMBER | Leigh Z. Callander, Reg. No. 55,035 | | |
| SIGNATURE | <i>Leigh Z. Callander</i> | DATE | August 18, 2004 |



FEE TRANSMITTAL
for FY 2003
(Small Entity)

| FEE TRANSMITTAL for FY 2003 (Small Entity) | | <i>Complete if Known</i> | |
|---|--------------|--------------------------|-------------------|
| | | Application Number | 09/991,971 |
| | | Filing Date | November 26, 2001 |
| | | First Named Inventor | Markku AHOPTUPA |
| | | Examiner Name | Phuong N. Huynh |
| | | Group Art Unit | 1644 |
| Total Amount of Payment | (\$) 385.00 | Attorney Docket Number | 2630-113 |

METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge additional fees and credit any overpayment to Deposit Account Number 02-2135 in the name of Rothwell, Figg, Ernst & Manbeck
- ☒ Charge any Additional Fee Required Under 37 CFR 1.16 and 1.17
- ☐ Applicant claims small entity status.
2. ☒ Payment Enclosed:
- ☒ Check
- ☐ Credit Card

FEE CALCULATION

1. FILING FEE

| Fee Code | Fee \$ | Fee Description | Fee Paid |
|----------|--------|------------------------|----------|
| 2001 | 385 | Utility filing fee | [] |
| 2002 | 170 | Design Filing Fee | [] |
| 2003 | 265 | Plant Filing Fee | [] |
| 2004 | 385 | Reissue Filing Fee | [] |
| 2005 | 80 | Provisional Filing Fee | [] |

SUBTOTAL \$

2. CLAIMS

| Total Claims | Independent Claims | Multiple Dependent Claims | Extra Claims | Fee | Fee Paid |
|--------------|--------------------|---------------------------|----------------|------------|----------|
| [] | [] | [] | - 20** = [] x | \$ 9 = [] | [] |
| [] | [] | [] | - 3** = [] x | 43 = [] | [] |
| [] | [] | [] | + 145 = [] | | [] |

**or number previously paid, if greater;

SUBTOTAL \$

FEE CALCULATION (continued)


3. ADDITIONAL FEES

| Fee Code | Fee Paid | Fee Description | Fee Paid |
|---------------------|----------|--|----------|
| 2051 | 65 | Surcharge - late filing fee or oath | [] |
| 2052 | 25 | Surcharge - late provisional filing fee or cover sheet | [] |
| 1053 | 130 | Non-English specification | [] |
| 1812 | 2,520 | For filing a request for reexamination | [] |
| 1804 | 920 | Requesting publication of SIR prior to Examiner action | [] |
| 1805 | 1,840* | Requesting publication of SIR after Examiner action | [] |
| 2251 | 55 | Extension for reply within first month | [] |
| 2252 | 210 | Extension for reply within second month | [] |
| 2253 | 475 | Extension for reply within third month | [] |
| 2254 | 740 | Extension for reply within fourth month | [] |
| 2255 | 1,005 | Extension for reply within fifth month | [] |
| 2401 | 165 | Notice of Appeal | [] |
| 2402 | 165 | Filing a brief in support of an appeal | [] |
| 2403 | 145 | Request for Oral Hearing | [] |
| 1451 | 1,510 | Petition to institute a public use proceeding | [] |
| 2452 | 55 | Petition to revive -unavoidable | [] |
| 2453 | 475 | Petition to revive - unintentional | [] |
| 2501 | 665 | Utility issue fee (or reissue) | [] |
| 2502 | 240 | Design issue fee | [] |
| 2503 | 320 | Plant issue fee | [] |
| 1460 | 130 | Petitions to the Commissioner | [] |
| 1807 | 50 | Processing fee under 37 CFR 1.17(q) | [] |
| 1806 | 180 | Submission of Information Disclosure Statement | [] |
| 8021 | 40 | Recording each patent assignment per property (times number of properties) | [] |
| 2809 | 385 | Filing a submission after final rejection (37 CFR .129(a)) | [] |
| 2810 | 385 | For each additional invention to be examined (37 CFR 1.129(b)) | [] |
| 2801 | 385 | Request for Continued Examination (RCE) | [385.00] |
| 1802 | 900 | Request for expedited examination of a design application | [] |
| 1504 | 300 | Publication fee for early, voluntary, or normal publication | [] |
| 1505 | 300 | Publication fee for republication | [] |
| 1455 | 200 | Filing an application for patent term adjustment | [] |
| 1456 | 400 | Request for reinstatement of term reduced | [] |
| Other fee (specify) | | | [] |

* Reduced by Basic Filing Fee Paid

SUBTOTAL

\$ 385.00

| SUBMITTED BY | | | | Complete (if applicable) | |
|----------------------|---|------|-----------------|--------------------------|---------|
| NAME AND REG. NUMBER | Leigh Z. Callander, Reg. No. 55,035 | | | | |
| SIGNATURE |  | DATE | August 18, 2004 | DEPOSIT ACCOUNT | 02-2135 |



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No. : 09/991,971
Applicant : Markku AHOTUPA
Filed : 26 November 2001
TC/A.U. : 1644
Examiner : Phuong N. Huynh

Docket No. : 2630-113
Customer No. : 6449
Confirm. No. : 8814

MAIL STOP RCE

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE

Dear Sir:

In response to the Advisory Action mailed April 23, 2004, reconsideration of the above-identified application is requested in view of the following remarks.

Remarks begin on page 2 of this paper.